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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/582,797

Confirmation No. 7168

Applicant(s)

Joerg HAFFELDER et al.

Filed

June 14, 2006

TC/A.U.

3683

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Docket No.

R.307554

Customer No.

02119

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# <u>INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)</u>, AND EXPLANATION OF THE RELEVANCE OF THE CITED PRIOR ART

Sir:

The undersigned hereby requests that the prior art cited on the attached prior art statement be placed of record in the application file and be considered by the examiner.

This citation of prior art is made under 37 CFR 1.97(b), since it is being filed before the mailing date of a First Office action.

The relevance of the prior art cited on the attached form PTO/SB/08a is as follows:

### **DE 102 04 852 A1**

The invention relates to a disk brake for a vehicle braking system, comprising at least one brake calliper (10) for overlapping a brake disk (14) which is rotationally secured to the vehicle wheel. The brake calliper (10) has a housing (20), comprising at least one bore (19) in order to receive a piston arrangement (18, 32), which can be adjusted by means of an actuating drive (22) parallel to the brake disk axis in order to clamp the brake linings (16) which are arranged on both sides of the brake disk (14) against the brake disk (14) in the brake calliper (10). Said piston arrangement comprises a first partial piston (18) which is coupled to a mechanical or electromechanical actuating drive (22) and a second partial piston

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(32) which is arranged separately from the first partial piston and disposed co-axially in relation thereto. The partial pistons define a pressure chamber (34) which can be sealed and which can be connected to the fuel pressure medium circuit of an emergency or parking brake device which can be activated by a pressure medium.

#### WO 92/06876 A1

The invention shows a brake (10) capable of functioning as a disk brake and parking brake having engaged and disengaged modes of operation comprising: a piston rod (30) movable with the disk brake piston (14) having a threaded portion (40), a nut (60) rotatably movable on the threaded portion (40) relative to a first stop (52); a pressurizing device (80, 82, 84; 92) for pressurizing the fluid chamber (20) to move the piston (14) and piston rod (30) to respective engaged positions, and a motor (66, 68) for rotating the nut (60) in one of a) synchronism with pressurizing the fluid chamber and b) subsequent thereto so that the nut moves along the threaded portion (40) into a contracting position with the first stop (52) for preventing the piston rod (30) from moving from its engaged position to achieve the parking brake function.

Examination of this application is respectfully requested.

Respectfully submitted

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Date: January 8, 2007

Customer No. 02119

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PTO/SB/08a (08-03)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Complete if Known      |                        |  |  |  |
|------------------------|------------------------|--|--|--|
| Application Number     | 10/582,797             |  |  |  |
| Filing Date            | June 14, 2006          |  |  |  |
| First Named Inventor   | Joerg HAFFELDER et al. |  |  |  |
| Art Unit               | 3683                   |  |  |  |
| Examiner Name          |                        |  |  |  |
| Attorney Docket Number | R.307554               |  |  |  |

|   | U.S. PATENT DOCUMENTS |                 |                      |                  |                             |   |  |
|---|-----------------------|-----------------|----------------------|------------------|-----------------------------|---|--|
|   | Cite                  | Document Number |                      | Publication Date | Name of Patentee or         | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |  |
|   | No.1                  | Number          | Kind Code (if known) | MM-DD-YYYY       | Applicant of Cited Document | Figures Appear  |  |
|   |                       | US-             |                      |                  |                             |   |  |
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| FOREIGN PATENT DOCUMENTS |              |   |             |          |                                |  |  |               |
|--------------------------|--------------|---|-------------|----------|--------------------------------|--|--|---------------|
| Examiner<br>Initials*    | Cite<br>No.1 | Foreign Patent Document  Office <sup>3</sup> Number <sup>4</sup> Kind <sup>5</sup> (if known) |             |          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T6            |
| /C.S./                   |              | DE  | 102 04 852  | A1       | 08-07-2003                     | Guntram Ott  |  |               |
| /C.S./                   |              | wo  | 92/06876    | A1       | 04-30-1992                     | William C. Eddy, Jr.                               |  | <b>\</b>      |
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| Examiner  | /Christopher Schwartz/ (10/06/2008) | Date       |  |
|-----------|-------------------------------------|------------|--|
| Signature |                                     | Considered |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.